

| L Number | Hits   | Search Text  | DB  | Time stamp          |
|----------|--------|--|---|---------------------|
| 1        | 1264   | 318/439.cccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>03:23 |
| 2        | 553992 | ignition or fire or firing   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>03:24 |
| 6        | 1637   | commutation near (time or period)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>03:34 |
| 7        | 13206  | (ignition or fire or firing) near3 current   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>03:34 |
| 8        | 1579   | ((ignition or fire or firing) near3 current) with (increase or increased or increasing or advance or advanced or prior or before)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>03:59 |
| 9        | 8      | 318/439.cccls. and (((ignition or fire or firing) near3 current) with (increase or increased or increasing or advance or advanced or prior or before))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>03:41 |
| 10       | 13     | (318/439.cccls. and ((ignition or fire or firing) near3 current)) not<br>(318/439.cccls. and (((ignition or fire or firing) near3 current) with (increase or increased or increasing or advance or advanced or prior or before)))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>03:42 |
| 11       | 157    | 318/439.cccls. and (commutation near (time or period))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>03:43 |
| 12       | 70     | (318/439.cccls. and (commutation near (time or period))) and (position or velocity or speed) and capacitor   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>03:51 |
| 13       | 6796   | (brushless adj ("dc" or (direct adj current))) near motor  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>03:51 |
| 14       | 175    | ((brushless adj ("dc" or (direct adj current))) near motor) and capacitor and (position or velocity or speed) and inverter and converter   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>03:52 |
| 15       | 28     | ((brushless adj ("dc" or (direct adj current))) near motor) and capacitor and (position or velocity or speed) and inverter and converter) and 318/439.cccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>03:52 |
| 16       | 1684   | ((ignition or fire or firing) near3 current) with (increase or increased or increasing or advance or advanced or prior or before or shifted or shift or shifting)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>03:59 |
| 17       | 0      | (318/439.cccls. and (((ignition or fire or firing) near3 current) with (increase or increased or increasing or advance or advanced or prior or before))) not<br>(318/439.cccls. and (((ignition or fire or firing) near3 current) with (increase or increased or increasing or advance or advanced or prior or before))) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>04:00 |
| 18       | 5      | ((brushless adj ("dc" or (direct adj current))) near motor) and (((ignition or fire or firing) near3 current) with (increase or increased or increasing or advance or advanced or prior or before or shifted or shift or shifting))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>04:01 |

|    |    |   |   |                     |
|----|----|---|---|---------------------|
| 19 | 71 | (predict or predicting or predicted)<br>near2 ((commutation adj2 (time or period)) or (zero adj2 cross\$3))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>04:02 |
| 20 | 2  | ((predict or predicting or predicted)<br>near2 ((commutation adj2 (time or period)) or (zero adj2 cross\$3))) and<br>(318/439.ccls. or ((brushless adj ("dc"<br>or (direct adj current)))) near motor)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/26<br>04:02 |